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**From:** Aubee, Catherine [Aubee.Catherine@epa.gov]  
**Sent:** 7/13/2017 12:48:29 AM  
**To:** Henry, Tala [Henry.Tala@epa.gov]  
**Subject:** Re: [for review] clarifications on meeting notes - GenX Risk Assessment Knowledge Gaps

Got it; thank you!

Best,  
Catherine

On Jul 12, 2017, at 5:53 PM, Henry, Tala <[Henry.Tala@epa.gov](mailto:Henry.Tala@epa.gov)> wrote:

A few edits...I made them in green, so you won't see them,  
3B) has to address the fact we HAVE PK data for GenX...its not just a structure (branch/straight-chain)  
issue; we HAVE the data.

Tala R. Henry, Ph.D.  
Director, Risk Assessment Division  
Office of Pollution Prevention and Toxics  
U.S. Environmental Protection Agency

T: 202-564-2959  
E: [henry.tala@epa.gov](mailto:henry.tala@epa.gov)

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**From:** Aubee, Catherine  
**Sent:** Wednesday, July 12, 2017 5:14 PM  
**To:** Henry, Tala <[Henry.Tala@epa.gov](mailto:Henry.Tala@epa.gov)>  
**Cc:** Benson, Amy <[Benson.Amy@epa.gov](mailto:Benson.Amy@epa.gov)>; Behrsing, Tracy <[behrsing.tracy@epa.gov](mailto:behrsing.tracy@epa.gov)>; Tobias, David <[Tobias.David@epa.gov](mailto:Tobias.David@epa.gov)>; Sarraio, Stephanie <[sarraio.stephanie@epa.gov](mailto:sarraio.stephanie@epa.gov)>; Brinkerhoff, Chris <[Brinkerhoff.Chris@epa.gov](mailto:Brinkerhoff.Chris@epa.gov)>  
**Subject:** Re: [for review] clarifications on meeting notes - GenX Risk Assessment Knowledge Gaps

Hi Tala, when you have a chance - please let me know if you have any edits for this message with our clarifications to the meeting notes. This is separate from but related to our comments on the draft assessment.

Thanks!  
Catherine

On Jul 11, 2017, at 4:11 PM, Aubee, Catherine <[Aubee.Catherine@epa.gov](mailto:Aubee.Catherine@epa.gov)> wrote:

*Internal draft, deliberative – joint work product*

Hi Tala *et al.*,

Here is a proposed response for NC on the meeting notes, along with additional information provided by Amy B. re: PFOA robust summaries. Please let me know if you have edits or concerns. I would like to send this concurrently (or as close as possible) when we send comments on the draft assessment document.

Thank you all for your contributions to this response!

Best,  
Catherine

Hi Amy,

Many thanks for the discussion and the opportunity to provide feedback. We're providing a few clarifications below in green. Let me know if you have questions.

Also, we are attaching a document completed through OECD on PFOA, in case this is helpful to you. It was completed under the OECD Cooperative Chemicals Assessment Program (as a screening level assessment), discussed and agreed among OECD member countries and published online but it was done *prior to* the OW health advisory so ***there could be some differences*** compared with the health advisory.

Best,  
Catherine

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Catherine Aubee  
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**From:** Risen, Amy J [<mailto:Amy.Risen@dhhs.nc.gov>]

**Sent:** Friday, July 07, 2017 6:17 PM

**To:** Audra Henry <[ate1@cdc.gov](mailto:ate1@cdc.gov)>; Wheeler, John <[Wheeler.John@epa.gov](mailto:Wheeler.John@epa.gov)>; Mitchell, Ken <[Mitchell.Ken@epa.gov](mailto:Mitchell.Ken@epa.gov)>; Behl, Betsy <[Behl.Betsy@epa.gov](mailto:Behl.Betsy@epa.gov)>; Strong, Jamie <[Strong.Jamie@epa.gov](mailto:Strong.Jamie@epa.gov)>; Henry, Tala <[Henry.Tala@epa.gov](mailto:Henry.Tala@epa.gov)>; Behrsing, Tracy <[behrsing.tracy@epa.gov](mailto:behrsing.tracy@epa.gov)>; Benson, Amy <[Benson.Amy@epa.gov](mailto:Benson.Amy@epa.gov)>; Aubee, Catherine <[Aubee.Catherine@epa.gov](mailto:Aubee.Catherine@epa.gov)>; Kemker, Carol <[Kemker.Carol@epa.gov](mailto:Kemker.Carol@epa.gov)>; Allenbach, Becky <[Allenbach.Becky@epa.gov](mailto:Allenbach.Becky@epa.gov)>; Doa, Maria <[Doa.Maria@epa.gov](mailto:Doa.Maria@epa.gov)>; Mort, Sandra L <[sandy.mort@ncdenr.gov](mailto:sandy.mort@ncdenr.gov)>; Shehee, Mina <[mina.shehee@dhhs.nc.gov](mailto:mina.shehee@dhhs.nc.gov)>; Elizabeth Dittman <[Beth.Dittman@dhhs.nc.gov](mailto:Beth.Dittman@dhhs.nc.gov)>; Holt, Kennedy <[Kennedy.Holt@dhhs.nc.gov](mailto:Kennedy.Holt@dhhs.nc.gov)>; Langley, Rick <[rick.langley@dhhs.nc.gov](mailto:rick.langley@dhhs.nc.gov)>; [connie.brower@ncdenr.gov](mailto:connie.brower@ncdenr.gov); Culpepper, Linda <[linda.culpepper@ncdenr.gov](mailto:linda.culpepper@ncdenr.gov)>; Holloway, Tracey S <[Tracey.Holloway@ncdenr.gov](mailto:Tracey.Holloway@ncdenr.gov)>; Donohue, Joyce <[Donohue.Joyce@epa.gov](mailto:Donohue.Joyce@epa.gov)>  
**Cc:** Tina Forrester <[txf5@cdc.gov](mailto:txf5@cdc.gov)>; Susan Moore <[sym8@cdc.gov](mailto:sym8@cdc.gov)>; Selene Chou <[cjc3@cdc.gov](mailto:cjc3@cdc.gov)>; Trent LeCoultre <[tll7@cdc.gov](mailto:tll7@cdc.gov)>; [idz7@cdc.gov](mailto:idz7@cdc.gov)  
**Subject:** RE: GenX Risk Assessment Knowledge Gaps

Thank you to everyone for providing feedback on our risk assessment for GenX. I'm providing a summary below, which includes points of contact to follow up with.

Questions 1-4 were posed by DHHS before the call as main talking points. Text in blue is a summary of the comments. NC DHHS makes every attempt to follow the approach used by the EPA when doing risk assessments. Therefore, we have underlined blue text as take home messages that DHHS will be applying to the GenX risk assessment for NC residents using drinking water originally referenced in Sun et al 2016.

DHHS intends to respond to the public with a new drinking water level and health guidance early in the week of July 10<sup>th</sup>. We are hopeful that you will be able to provide feedback on cancer and fish consumption ASAP; please see number 5 below for details. I am also interested in data we discussed on interspecies kinetics differences.

Thanks again!

Amy

## **Ex. 5 - Deliberative Process**

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